

Wednesday, March 26, 2003

DRAFT
**Quino Checkerspot Butterfly Descriptive Statistics Package for MSCP Coverage –
Simplified Tables**

/projects/quino_mscp_package/quino_word/Draft Quino Checkerspot Butterfly Descriptive Statistics Package for
MSCP Coverage.doc

To address the need for area statistics for the Quino Checkerspot Butterfly's range, habitat, and associated environmental variables, the following questions were answered:

- 1.) How many acres are covered by the survey locations by year and by Quino model habitat unit (QMU)? (unchanged)

Quino QMU	Surveyed before 1999 or Never Surveyed	1999	2000	2001	2000 overlap with 1999	2001 overlap with 1999	Subarea Total Acres
Lake Hodges	10106.42	4248.68	159.21	NS	70.31	0	14584.62
San Pasqual	11433.07	222.99	213.86	NS	0	0	11869.92
San Vicente	52330.4	2147.2	1873.5	704.85	56.96	238.2	57351.11
South County	53977.98	1635.84	2517.51	1596.25	399.01	23.15	60149.74
South Metro- Lakeside-Jamul	96546.39	649	828.02	436.59	0	0	98460
Total	224394.26	8903.71	5592.1	2737.69	526.28	261.35	242,415.39

- 2.) How many acres are covered in the Seven Quino model categories by QMU? (Updated 03/18/2003)

Category	Model Class	Lake Hodges	San Pasqual	San Vicente	South County	South Metro- Lakeside-Jamul	Total Acres
1	Preserve Category A	0	0	707	12,992	3,685	17,384
2	Preserve Category B	12	5,760	19,478	26,933	22,663	74,846
3	Preserve Category C	4,140	7	1,304	465	1,319	7,235
	Preserve Subtotal	4,152	5,767	21,489	40,390	27,667	99,465
4	Non-Preserve Category A	0	0	2	5,474	1,075	6,551
5	Non-Preserve Category B	23	1,578	11,071	3,165	26,717	42,554
6	Non-Preserve Category C	2,294	320	4,065	117	2,509	9,305
7	OSP Not Recognized as Viable Habitat	75	44	425	5	559	1,108
	Non-Preserve Subtotal	2,392	1,942	15,563	8,761	30,860	59,518
	Modeled Categories Total	6,544	7,709	37,052	49151	58,527	158,983
	Total Area of the QMU	14,579	11,860	57,341	60,140	98,450	242,370
0	Outside of Model but in the South County MSCP Subarea	8,035	4,151	20,289	10,989	39,923	83,387

(Model 11) Total area for the entire South County Subarea is: **242,370 Acres**

3.) What is the acreage for the various vegetation communities by Holland code* by Quino QMU? (unchanged)

Table 3.1 Generalized Vegetation for the South County Subarea of the MSCP

Generalized Habitat Groups	Total Subarea Acres	Lake Hodges QMU Acres	San Pasqual QMU Acres	San Vicente QMU Acres	South County QMU Acres	South Metro-Lakeside-Jamul QMU Acres
Chaparral	79,760.58	2,775.16	3,853.32	24,126.30	21,716.90	27,288.89
Coastal Sage Scrub	68,982.38	3,962.13	3,026.20	11,453.28	25,367.06	25,173.71
Coastal Sage-Chaparral Scrub	3,259.49	58.14	226.46	595.13	166.33	2,213.43
Cypress Forest	5,724.56	0.00	0.00	0.00	5,651.90	72.66
Disturbed Wetland	156.27	30.93	0.00	3.50	43.40	78.43
Eucalyptus Woodland	842.19	741.35	0.96	23.16	10.51	66.21
Flood Channel	294.07	36.07	4.08	48.29	14.80	190.82
Freshwater marsh	351.99	76.62	5.00	3.96	237.39	29.03
Grassland	8,416.36	1,264.62	612.55	1,441.42	2,056.42	3,041.35
Maritime Succulent Scrub	15.52	0.00	0.00	0.00	15.52	0.00
Oak Riparian Forest	4,226.47	34.30	461.33	1,171.95	165.67	2,393.22
Oak Woodland	5,075.67	43.37	286.57	1,912.53	263.21	2,569.99
Open Water	292.60	73.92	1.68	117.21	16.39	83.41
Other Habitat	5,804.18	861.12	236.75	987.18	617.24	3,101.89
Riparian Forest	573.20	21.81	77.30	55.16	304.27	114.66
Riparian Scrub	724.16	162.93	99.58	161.97	124.76	174.92
Riparian Woodland	25.10	6.64	0.21	10.48	7.77	0.00
Southern Maritime Chaparral	53.25	53.25	0.00	0.00	0.00	0.00
Urban/Agriculture/Delevoped	57,797.30	4,382.28	2,967.94	15,229.43	3,360.26	31,857.39
Total	242,375.33	14,584.63	11,859.93	57,340.96	60,139.79	98,450.01
Sum of Above Habitat Acreage Minus [Urban/Agriculture/Delevoped]	184,578.03	10,202.35	8,891.99	42,111.53	56,779.53	66,592.62

*This is the vegetation for the entire MSCP southern sub-area by QMU, e.g., Lake Hodges QMU. The vegetation for the modeled preserve/non preserve categories A,B, and C (a.k.a. Categories 1 through 6) is covered in greater detail in table 3.2

Table 3.2 Vegetation Breakdown for the Six Model Habitat Categories A, B, C (1-6)
within the QMU areas (unchanged)

Generalized Vegetation	Lake Hodges QMU Acres	San Pasqual QMU Acres	San Vicente QMU Acres	South County QMU Acres	South Metro-Lakeside-Jamul QMU Acres	Total
Chaparral	2083	3837	23756	21678	26773	78127
Coastal Sage Scrub	3444	3025	11335	24874	24947	67625
Coastal Sage-Chaparral Scrub	39	253	590	166	2187	3235
Grassland	930	595	1373	2085	4621	9604
Southern Maritime Chaparral	50	0	0	0	0	50
Maritime Succulent Scrub	0	0	0	15	0	15
Outside of Model	8039	4150	20287	10999	39921	83396

4.) What is the acreage of SANDAG existing land use by Quino QMU? (unchanged)

Generalized Land Use Description	Lake Hodges QMU	San Pasqual QMU	San Vicente QMU	South County QMU	South Metro-Lakeside-Jamul QMU
UNDEFINED	32	0	10.92	228.87	311.6
AIRSTRIPS	0	0	0	0.01	0
ARTERIAL COMMERCIAL	1	0	59.86	0	83.53
AUTOMOBILE DEALERSHIP	0	0	3.65	0	0
CEMETERY	0	0	0	0	269.99
CHURCHES	27	0	51.41	0	196.53
COMMUNICATIONS AND UTILITIES	21	1.34	50.96	64.13	244.14
COMMUNITY SHOPPING CENTERS	0	0	10.58	42.12	106.76
ELEMENTARY SCHOOLS	15	0	114.16	0	277.09
EXTRACTIVE INDUSTRY	16	12.55	603.58	22.88	302.4
FIELD CROPS	1307	563.81	1644.83	1873.21	2141.97
FIRE/POLICE STATIONS	3	0	11.39	0.11	38.48
FREEWAYS	13	0	381.66	0.77	581.78
GENERAL AVIATION AIRPORTS	0	0	0	0.03	0
GOLF COURSE CLUBHOUSES	16	0	0.56	0	20.27
GOLF COURSES	450	0.06	42.81	26.07	1012.21
GOV'T OFFICE/CIVIC CENTERS	0	0	2.33	0	2.06
HOTEL/MOTEL (LO-RISE)	0	0	1.36	0	15.06
INDUSTRIAL PARKS	62	0	83.18	0.06	47.35
INDUSTRIAL UNDER CONSTRUCTION	0	0	13.46	0	0
INTENSIVE AGRICULTURE	301	81.59	554.72	66.34	357.25
JAILS/PRISONS	0	0	0	260.6	0
JUNIOR COLLEGES	0	0	0	33.08	0
JUNIOR HIGH SCHOOLS AND MIDDLE SCHOOL	0	0	41.38	0	141.43
JUNKYARD/DUMP/LANDFILL	4	0	27	580.53	5.06

Generalized Land Use Description	Lake Hodges QMU	San Pasqual QMU	San Vicente QMU	South County QMU	South Metro-Lakeside-Jamul QMU
LAKES,RESERVOIRS,LARGE PONDS	46	0.68	121.44	4.26	40.39
LANDSCAPE OPEN SPACE	5	0.08	8.09	1.3	79.72
LIBRARIES	0	0	0.5	0	3.36
LIGHT INDUSTRY-GENERAL	61	0	96.89	0	127.62
MOBILE HOME PARKS	0	0	545.39	0	289.59
MULTI-FAMILY RESIDENTIAL	55	0	317.79	0.87	604.21
NEIGHBORHOOD SHOPPING CENTERS	9	0	26.71	0.54	103.72
OFFICE-LOW RISE	24	0	19.45	0	25.1
OPEN SPACE RESERVES,PRESERVES	1761	2288.3	6067.64	33065.39	16977.67
ORCHARDS AND VINEYARDS	539	1430.05	56.84	11.75	871.66
OTHER GROUP QUARTERS FACILITIES	0	24.23	20.06	0	48.58
OTHER HEALTH CARE	0	0	2.02	5.64	26.42
OTHER PUBLIC SERVICES	0	0	2.33	9.02	9.23
OTHER RECREATION	0	0	0	0	29.26
OTHER RETAIL TRADE AND STRIP COMMERCIAL	11	0	71.07	0.04	93.16
OTHER SCHOOL	9	0	0	0	5.95
OTHER TRANSPORTATION	0	0	6.75	68.61	6.23
OTHER UNIVERSITIES AND COLLEGES	0	0	0	91.48	0.06
PARK AND RIDE LOTS	0	0	1.8	0	0.32
PARKS-ACTIVE	0	0	84.04	0	87.12
POST OFFICES	0	0	1.34	0	6.32
RAILROAD RIGHT OF WAYS	0	0	0	0	2.65
REGIONAL SHOPPING CENTERS	0	0	0	0	0
RESIDENTIAL RECREATION	0	0	6	1.98	3.23
RESIDENTIAL UNDER CONSTRUCTION	528	34.2	10.47	32.83	152.31
ROAD RIGHT OF WAYS	749	235.62	2241.38	183.38	4098.45
SCHOOL DISTRICT OFFICES	0	0	1.85	0	4.02
SENIOR HIGH SCHOOLS	0	0	51.17	51.95	165.35
SINGLE FAMILY RESIDENTIAL	1629	184.15	5048.88	81.33	12835.74
SPACED RURAL RESIDENTIAL	580	1148.13	5642.38	327.01	11110.78
VACANT AND UNDEVELOPED LAND	6309	5855	33124.27	23003.42	44414.18
WAREHOUSING & PUBLIC STORAGE	0	0	54.44	0.19	39.11
WHOLESALE TRADE	0	0	0	0	33.61

5.) What is the acreage of the USFWS critical habitat designation by Quino QMU?

-Table 5.1 Critical Habitat by QMU only (unchanged)

Quino Modeled Habitat Unit	Critical Habitat Present?	Critical Habitat Unit Name	Acres
Lake Hodges	NO		14,584
San Pasqual	NO		11,859
San Vicente	NO		57,340
South County	NO		16,795
South County	YES	OTAY	43,344
South Metro-Lakeside-Jamul	NO		90,586
South Metro-Lakeside-Jamul	YES	OTAY	7,863

-Table 5.2.1 Critical Habitat by MSCP (updated 03/19/2003)

South County QMU – Areas that are inside the critical habitat designation

South County	QMU Class A (1)	QMU Class B (2)	QMU Class C (3)	QMU Class A (4)	QMU Class B (5)	QMU Class C (6)	Total
Take Authorized	0	5	0	1,472	574	2	2,053
Hardline Areas	4,829	4,734	0	0	0	5	9,568
Preapproved Mitigation Areas	0	0	0	0	0	0	0
Gain	7,144	15,030	259	0	0	0	22,433
Major Amendment Areas	0	0	0	1,794	823	1	2,618
Minor Amendment Areas	0	0	0	376	60	0	436
Minor Amendment Subject to Special Consideration	0	0	0	370	0	0	370
Conserved Subject to Agreement with Wildlife Agencies	0	0	0	445	107	0	552
Otay Ranch Areas Where No 'Take Permits' Will Be Issued	224	123	0	0	0	0	347
State Jail Facility	2	3					5

Class 7 OSP in critical habitat: 5 acres

-Table 5.2.2 Critical Habitat by MSCP (updated 03/19/2003)
South Metro Lakeside Jamul QMU– Areas that are inside the critical habitat designation

South Metro Lakeside Jamul	QMU Class A (1)	QMU Class B (2)	QMU Class C (3)	QMU Class A (4)	QMU Class B (5)	QMU Class C (6)	Total
Take Authorized	0	0	0	0	0	0	0
Hardline Areas	0	0	0	0	0	0	0
Preapproved Mitigation Areas	30	55	7	0	0	0	92
Gain	1,654	1,896	1	0	0	0	3,551
Major Amendment Areas	0	0	0	0	0	0	0
Minor Amendment Areas	0	0	0	1	0	0	1
Minor Amendment Subject to Special Consideration	0	0	0	0	0	0	0
Conserved Subject to Agreement with Wildlife Agencies	0	0	0	0	0	0	0
Otay Ranch Areas Where No 'Take Permits' Will Be Issued	0	0	0	0	0	0	0

Class 7 OSP in critical habitat: 6 acres

6.) Who are the major land owners (public or private) in each Quino QMU, how much property do they own? (unchanged)

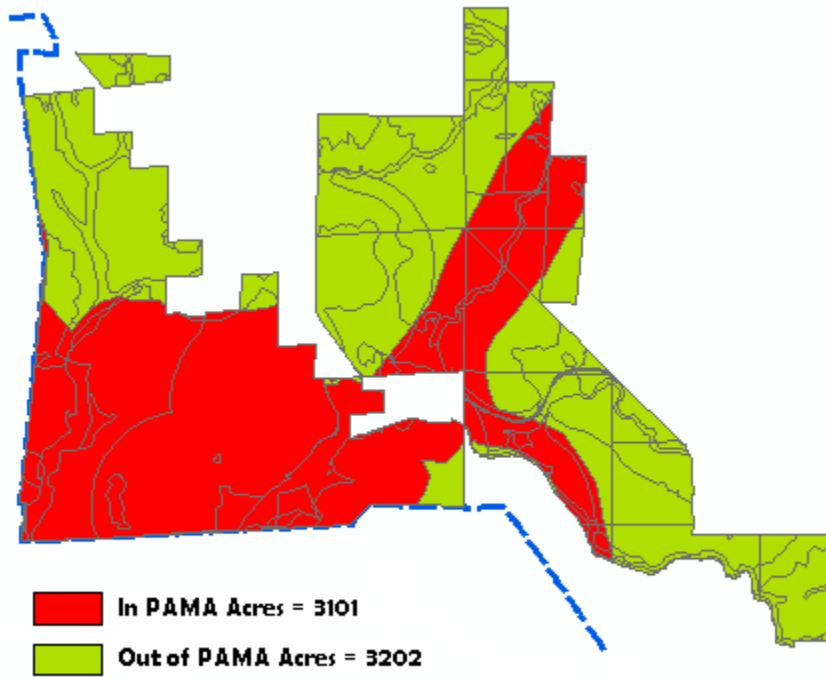
-Table 6

Quino Modeled Habitat Unit	Owner Name on Assessor Record	Public/Private	Acres
Lake Hodges	4S KELWOOD GENERAL PARTNERSHIP	PRIVATE	1409.76
Lake Hodges	RANCHO CIELO ESTATES LTD	PRIVATE	1402.27
Lake Hodges	COUNTY OF SAN DIEGO	PUBLIC	639.57
Lake Hodges	4-S RANCH CO	PRIVATE	601.41
Lake Hodges	4S RANCH COMPANY 600 L P	PRIVATE	593.86
Lake Hodges	SECURITY TITLE INSURANCE CO TR	PRIVATE	553.96
Lake Hodges	ENVIRONMENTAL TRUST INC	PRIVATE	324.53
Lake Hodges	STARWOOD SANTAFE VALLEY PARTNER	PRIVATE	309.83
Lake Hodges	CRAIG RANCH INC	PRIVATE	226.76
Lake Hodges	CLUBCORP GOLF OF CALIFORNIA L L	PRIVATE	195.42
San Pasqual	STATE OF CALIFORNIA	PUBLIC	1235.3
San Pasqual	RODNEY COMPANY NV	PRIVATE	1132.34
San Pasqual	ROCKWOOD CANYON VENTURE MANAGEM	PRIVATE	765.78
San Pasqual	FENTON JUSTINE B TR (DCSD)	PRIVATE	457.73
San Pasqual	VALLEY VIEW PARTNERSHIP	PRIVATE	456.72
San Pasqual	CITY OF SAN DIEGO	PRIVATE	349.07
San Pasqual	CITY OF SAN DIEGO	PUBLIC	277.04
San Pasqual	HILLEBRECHT BENONIA B	PRIVATE	276.62
San Pasqual	COUNTY OF SAN DIEGO	PUBLIC	269.79
San Pasqual	CROWDER JOE C	PRIVATE	262.10
San Vicente	MONTE VISTA OAKS L L C	PRIVATE	4279.91

San Vicente	COUNTY OF SAN DIEGO	PUBLIC	3523.71
San Vicente	UNITED STATES OF AMERICA PUBLIC	PUBLIC	2359.11
San Vicente	STATE OF CALIFORNIA	PUBLIC	1461.74
San Vicente	HANSON AGGREGATES PACIFIC SOUTH	PRIVATE	1428.43
San Vicente	MORGAN FINE ARTS INC	PRIVATE	1267.49
San Vicente	RAMONA SERENA L L C	PRIVATE	680.36
San Vicente	SAN DIEGO AUDUBON SOCIETY INC	PRIVATE	598.95
San Vicente	SALVATION ARMY	PRIVATE	582.06
San Vicente	HELIX LAND CO LTD	PRIVATE	559.274
South County	UNITED STATES OF AMERICA PUBLIC	PUBLIC	20250.12
South County	UNITED STATES OF AMERICA	PUBLIC	5244.62
South County	STATE OF CALIFORNIA	PUBLIC	3387.66
South County	OTAY LAND CO L L C	PRIVATE	3378.98
South County	UNITED ENTERPRISES LTD	PRIVATE	3332.86
South County	OTAY PROJECT LP	PRIVATE	3089.19
South County	UNITED STATES OF AMERICA(FISH&W	PUBLIC	2057.51
South County	MCMILLIN OTAY RANCH L L C	PRIVATE	1514.24
South County	COSCAN DAVIDSON HIDDEN VALLEY I	PRIVATE	1444.03
South County	COUNTY OF SAN DIEGO	PUBLIC	1347.67
South Metro-Lakeside-Jamul	STATE OF CALIFORNIA	PUBLIC	8069.695
South Metro-Lakeside-Jamul	UNITED STATES OF AMERICA	PUBLIC	3410.034
South Metro-Lakeside-Jamul	STATE CALIFORNIA	PUBLIC	3243.33
South Metro-Lakeside-Jamul	2022 RANCH L L C	PRIVATE	2047.449
South Metro-Lakeside-Jamul	SLOAN CANYON SAND CO	PRIVATE	1218.083
South Metro-Lakeside-Jamul	SADHANA TEMPLE OF NEW YORK INC	PRIVATE	1114.53
South Metro-Lakeside-Jamul	COUNTY OF SAN DIEGO	PUBLIC	836.341
South Metro-Lakeside-Jamul	UNITED STATES OF AMERICA(FISH&W	PUBLIC	724.8924
South Metro-Lakeside-Jamul	IMHAUSER CARL W	PRIVATE	634.7687
South Metro-Lakeside-Jamul	UNITED STATES OF AMERICA INDIAN	PUBLIC	633.8101

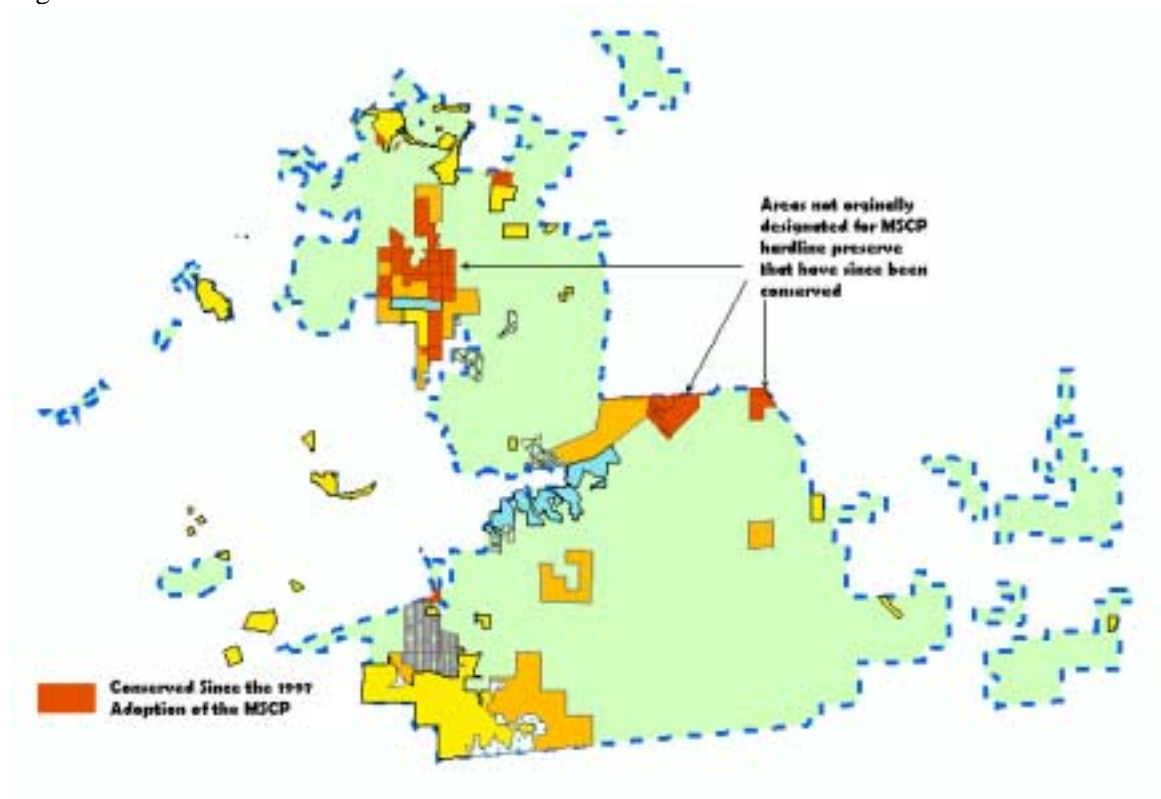
7.) How many acres of land were acquired for conservation in the Daley Ranch/Hollenbeck (Dulzura) area outside of Pre-approved Mitigation Area (PAMA)?

Fig. 7



- 8.) How many acres of land, which were not originally designated for MSCP hard-line preserve, have been acquired in the south county segment defined by Quino QMU?
There are 1706.72 acres in this category (see fig 8.1).

Fig 8.1



9.) What is the acreage of Quino QMU classes A,B, and C (1 through 6) by MSCP preserve designation by Quino QMU?

A note about the MSCP data: For the purposes of accounting, many sliver polygons splitting two thematic categories were forced into one category to be internally consistent with what the 1997 MSCP document details as their programmed conservation use.

Table 9.1 – Lake Hodges (updated 03/18/2003)

Lake Hodges	QMU Class A (1)	QMU Class B (2)	QMU Class C (3)	QMU Class A (4)	QMU Class B (5)	QMU Class C (6)	Total
Take Authorized	0	0	0	0	16	1,545	1,561
Hardline Areas	0	0	767	0	0	5	772
Preapproved Mitigation Areas	0	0	478	0	0	0	478
Gain	0	12	2,895	0	0	0	2,907
Major Amendment Areas	0	0	0	0	0	29	29
Minor Amendment Areas	0	0	0	0	0	249	249
Minor Amendment Subject to Special Consideration	0	0	0	0	0	0	0
Conserved Subject to Agreement with Wildlife Agencies	0	0	0	0	0	0	0
Otay Ranch Areas Where No 'Take Permits' Will Be Issued	0	0	0	0	0	0	0

QMU area for Class 7 OSP is 75 Acres

Table 9.2 – San Pasqual (updated 03/18/2003)

San Pasqual	QMU Class A (1)	QMU Class B (2)	QMU Class C (3)	QMU Class A (4)	QMU Class B (5)	QMU Class C (6)	Total
Take Authorized	0	0	0	0	0	0	0
Hardline Areas	0	0	0	0	0	0	0
Preapproved Mitigation Areas	0	3,927	5	0	0	0	3,932
Gain	0	1,825	0	0	0	0	1,825
Major Amendment Areas	0	0	0	0	0	0	0
Minor Amendment Areas	0	0	0	0	0	0	0
Minor Amendment Subject to Special Consideration	0	0	0	0	0	0	0
Conserved Subject to Agreement with Wildlife Agencies	0	0	0	0	0	0	0
Otay Ranch Areas Where No 'Take Permits' Will Be Issued	0	0	0	0	0	0	0

QMU area for Class 7 OSP is 45 Acres

Table 9.3 – San Vicente (updated 03/18/2003)

San Vicente	QMU Class A (1)	QMU Class B (2)	QMU Class C (3)	QMU Class A (4)	QMU Class B (5)	QMU Class C (6)	Total
Take Authorized	0	0	0	2	462	0	464
Hardline Areas	0	183	0	0	0	0	183
Preapproved Mitigation Areas	135	13,381	848	0	0	3	14,364
Gain	572	5,913	456	0	0	0	6,941
Major Amendment Areas	0	0	0	0	0	0	0
Minor Amendment Areas	0	0	0	0	0	0	0
Minor Amendment Subject to Special Consideration	0	0	0	0	0	0	0
Conserved Subject to Agreement with Wildlife Agencies	0	0	0	0	0	0	0
Otay Ranch Areas Where No 'Take Permits' Will Be Issued	0	0	0	0	0	0	0

QMU area for **Class 7 OSP** is **425 Acres**

Table 9.4 – South County (updated 03/18/2003)

South County	QMU Class A (1)	QMU Class B (2)	QMU Class C (3)	QMU Class A (4)	QMU Class B (5)	QMU Class C (6)	Total
Take Authorized	0	0	0	2,165	1,452	25	3,642
Hardline Areas	5,120	6,419	61	0	0	0	11,600
Preapproved Mitigation Areas	0	8	0	0	0	0	8
Gain	7,554	19,957	400	0	0	0	27,911
Major Amendment Areas	71	382	0	1,795	824	0	3,072
Minor Amendment Areas	0	0	0	532	452	76	1,060
Minor Amendment Subject to Special Consideration	0	0	0	370	26	0	396
Conserved Subject to Agreement with Wildlife Agencies	0	0	0	444	107	0	551
Otay Ranch Areas Where No 'Take Permits' Will Be Issued	223	123	0	0	0	0	346
State Jail Facility	0	0	0	34	220	15	269

QMU area for **Class 7 OSP** is **5 Acres**

Table 9.4.1 – South County w/ Village 13,14, and 15 alterations (corrected 03/19/2003)

South County	QMU Class A (1)	QMU Class B (2)	QMU Class C (3)	QMU Class A (4)	QMU Class B (5)	QMU Class C (6)	Total
Take Authorized	0	0	0	2,639	1,591	25	4,255
Hardline Areas	4,394	6,131	62	0	0	0	10,587
Preapproved Mitigation Areas	0	8	0	0	0	0	8
Gain	8,388	20,212	400	0	0	0	29,000
Major Amendment Areas	0	0	0	1,794	824	1	2619
Minor Amendment Areas	0	0	0	512	452	0	964
Minor Amendment Subject to Special Consideration	0	0	0	370	25	0	395
Conserved Subject to Agreement with Wildlife Agencies	0	0	0	4	0	0	4
Otay Ranch Areas Where No 'Take Permits' Will Be Issued	183	123	0	0	0	0	306
State Jail Facility	0	0	0	34	220	15	269

QMU area for **Class 7 OSP** is 5 Acres

Table 9.5 – South Metro-Lakeside-Jamul (updated 03/18/2003)

South Metro-Lakeside-Jamul	QMU Class A (1)	QMU Class B (2)	QMU Class C (3)	QMU Class A (4)	QMU Class B (5)	QMU Class C (6)	Total
Take Authorized	0	0	0	3	1	19	0
Hardline Areas	0	3	0	0	0	0	0
Preapproved Mitigation Areas	209	9,880	949	0	0	0	0
Gain	3,475	12,766	365	0	0	0	0
Major Amendment Areas	0	0	0	0	0	0	0
Minor Amendment Areas	0	9	0	0	0	0	0
Minor Amendment Subject to Special Consideration	0	0	0	0	0	0	0
Conserved Subject to Agreement with Wildlife Agencies	0	0	0	0	0	0	0
Otay Ranch Areas Where No 'Take Permits' Will Be Issued	0	0	0	0	0	0	0

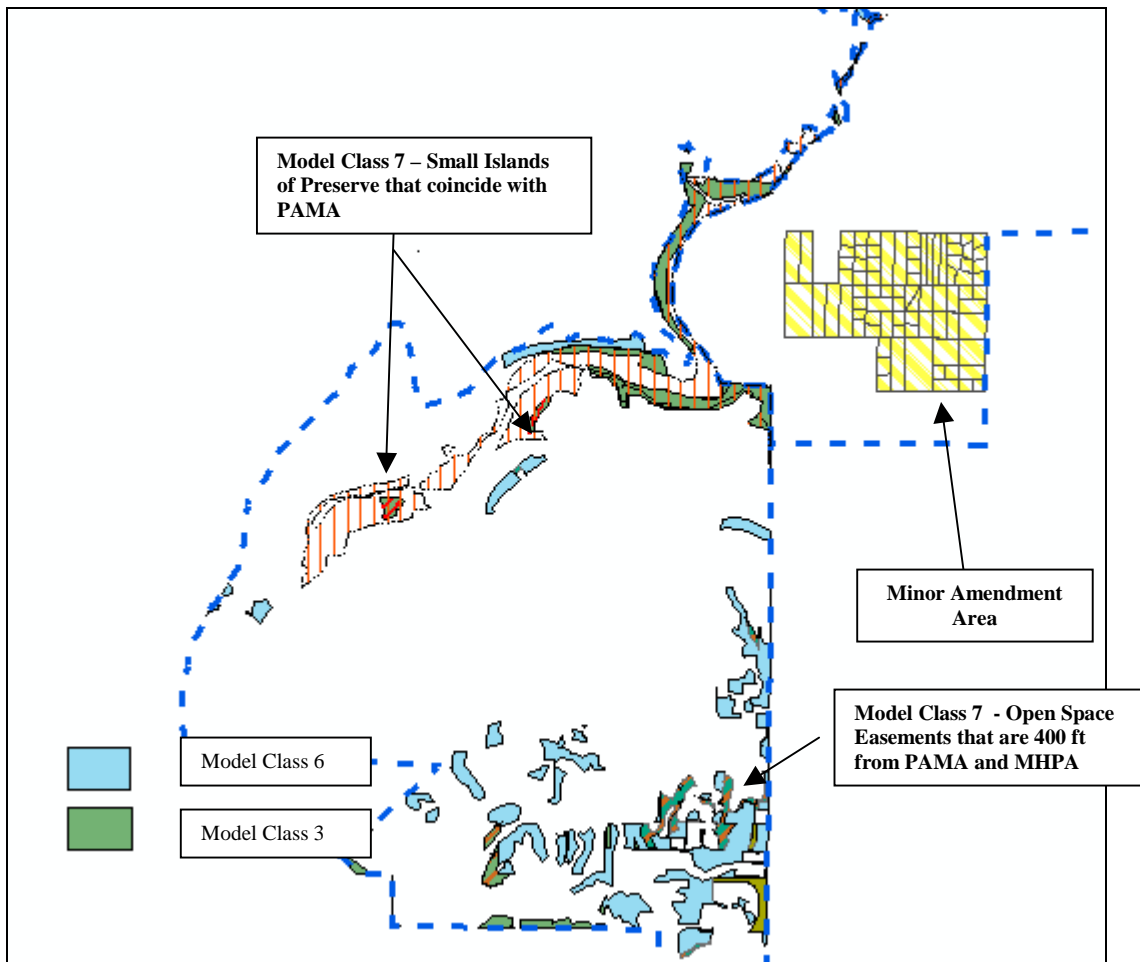
QMU area for **Class 7 OSP** is 559 Acres

Table 9.6 – Subsection of Lake Hodges QMU - North Metro Lakeside Jamul (see fig 9.6.1)
(updated 03/18/2003)

Lake Hodges - Subsection	QMU Class A (1)	QMU Class B (2)	QMU Class C (3)	QMU Class A (4)	QMU Class B (5)	QMU Class C (6)	Total
Take Authorized	0	0	0	0	15	41	
Hardline Areas	0	0	0	0	0	0	
Preapproved Mitigation Areas	0	0	478	0	0	0	
Gain	0	12	45	0	0	0	
Total for the QMU Subsection Class 1-6	0	0	0	0	0	0	

QMU Subarea area for **Class 7 OSP** is **68 Acres**

Fig 9.6.1 Quino Model 11 Lake Hodges QMU – North Metro Lakeside Jamul Subsection (updated 03/11/2003)



10.) How Much Land has already been preserved*, by Quino QMU and QMU class (updated 03/18/2003) - See above Tables

Quino QMU	QMU Class A (1)	QMU Class B (2)	QMU Class C (3)	QMU OSP Class 7	Outside of model classes	Total
Lake Hodges	0	0	0	0	0	0
San Pasqual	0	0	0	0	0	0
San Vicente	0	0	0	0	0	0
South County	0	0	0	0	0	0
South Metro-Lakeside-Jamul	0	0	0	0	0	0
Total	0	0	0		0	0

*Preserved defined as “Gain” category in Habitrak accounting model

11.) What is the number of Quino observations¹ by MSCP designation by Quino QMU?

Table 11.1 – Quino Observations² by MSCP Designation (updated 03/19/2003)

MSCP Designation	Lake Hodges QMU	San Pasqual QMU	San Vicente QMU	South County QMU	South Metro-Lakeside-Jamul QMU	Total by QMU/MSCP
Total By QMU ³	0	0	2	582†	58*	0
Take Authorized	0	0	0	31	0	0
Hardline Areas	0	0	0	98	0	0
Preapproved Mitigation Areas	0	0	0	0	0	0
Gain	0	0	2	304	58	0
Major Amendment Areas	0	0	0	85	0	0
Minor Amendment Areas	0	0	0	6	0	0
Minor Amendment Subject to Special Consideration	0	0	0	28	0	0
Conserved Subject to Agreement with Wildlife Agencies	0	0	0	29	0	0
Otay Ranch Areas Where No 'Take Permits' Will Be Issued	0	0	0	1	0	0
State Jail Facility	0	0	0	0	0	0

1 The date of points observed inside the model space range from May 1st 1997 to April 25th 2001

2 Points were created through interpolation of the polygon, not actual X Y observation locations.

3 These figures reflect the accurate total for the QMU.

* 3 additional observations in S.D. Cornerstone lands in the South Metro-Lakeside-Jamul QMU

† These figures reflect the accurate total for the QMU

Table 11.2 - Quino Observations* by MSCP Designation for Village 13, 14, and 15 alteration.

Table 11.2 – Quino Observations* by MSCP Designation (updated 03/19/2003)

MSCP Designation	South County QMU
Total By QMU†	582†
Take Authorized	32
Hardline Areas	77
Preapproved Mitigation Areas	0
Gain	353
Major Amendment Areas	85
Minor Amendment Areas	6
Minor Amendment Subject to Special Consideration	28
Conserved Subject to Agreement with Wildlife Agencies	0
Otay Ranch Areas Where No 'Take Permits' Will Be Issued	1
State Jail Facility	0

* Points created through interpolation of the polygon, not actual X Y observation locations.

† These figures reflect the accurate total for the QMU